

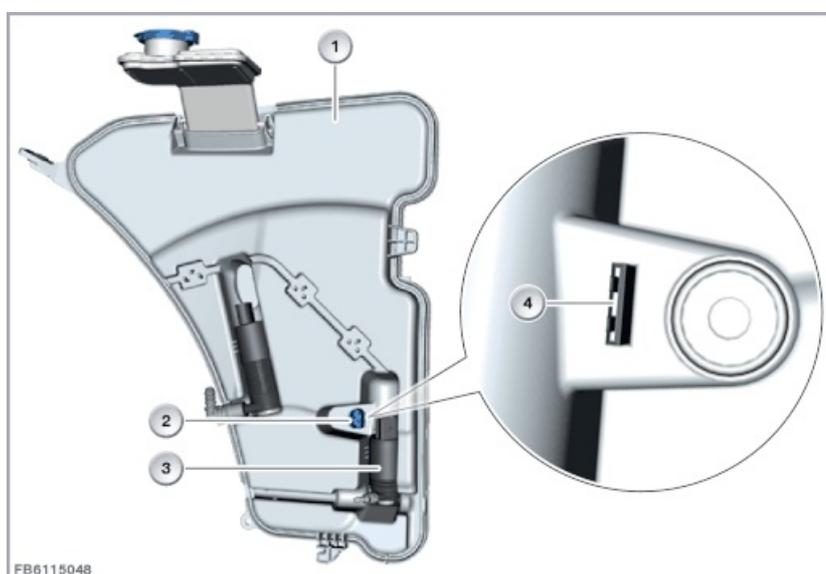
## Washer fluid level sensor

The washer fluid level sensor detects a drop below the required washer fluid level in the washer fluid reservoir. The washer fluid level sensor is secured to the side of the washer fluid reservoir.

### Functional description

The sensor is a capacitive fill level sensor with contactless measurement through two small lances.

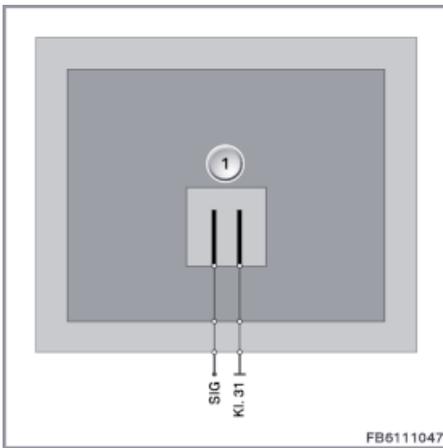
The washer fluid level sensor supplies a modified signal when the filling level of the washer fluid is too low. The information appears in the TFT display in the form of a Check Control message in the instrument cluster. The washer fluid level sensor is connected to the Body Domain Controller (BDC). The signal is transmitted to the instrument cluster on the PT-CAN.



Item	Explanation	Item	Explanation
1	Expansion tank	2	Capacitive sensor with 2-pin plug connection
3	Windscreen washer pump	4	Capacitive sensor with 2 lances (shown: Expansion tank, view from inside)

### Structure and inner electrical connection

If the PAD mode is activated, the Body Domain Controller (BDC) supplies the washer fluid level sensor with clocked voltage (square wave signal 3.3 V). The signal is read back from the Body Domain Controller (BDC).



Item	Explanation
1	Washer fluid level sensor

#### Pin assignments

Pin	Explanation
SIG	Washer fluid level signal, connection to the Body Domain Controller (BDC)
Kl. 31	Ground connection (Terminal 31)

### Nominal values

The following setpoint values for the washer fluid level sensor must be noted:

Variable	Value
Supply voltage	3.3 V
Temperature range	-20 °C to 80 °C

### Diagnosis instructions

#### Failure of the component

If the washer fluid level sensor fails, the following behaviour is to be expected:

- No fault code entry

We can assume no liability for printing errors or inaccuracies in this document and reserve the right to introduce technical modifications at any time.